

0.*

269,663.*


267,615.*

000

2,048.*

NAME	Georgia-Pacific LLC	FEB 18 2009
ADDRESS	297 Ferry Street, Bldg 290, Newark NJ 07105	
FACILITY LOCATION	297 Ferry Street, Bldg 290, Newark NJ 07105	
NEW CUSTOMER ID/OUTLET ID: 20630007 - 1	OLD OUTLET DESIGNATION:	

[illegible]

SIGNATURE OF PRINCIPAL OR AUTHORIZED AGENT	TYPE NAME AND TITLE	TELEPHONE NUMBER
	Paul A. Montney	(973) 465-4646
	Director of Remediation	
		DATE 2/16/09

Accutest LabLink@17:18 09-Feb-2009

Report of Analysis

Page 1 of 1

Client Sample ID: GP DISCH EFF

Lab Sample ID: JA10658-2

Matrix: AQ - Effluent

Date Sampled: 01/27/09

Date Received: 01/27/09

Percent Solids: n/a

Project: Georgia Pacific Corporation, Newark, NJ

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
BOD, 5 Day	< 2.0	2.0	mg/l	1	01/28/09 11:00	MJC	SM20 5210B
Chloride	838	8.0	mg/l	4	02/07/09 01:08	MS	EPA 300/SW846 9056
Solids, Total Suspended	23.0	4.0	mg/l	1	02/03/09	AD	SM20 2540D

RL = Reporting Limit

LABORATORY RESULTS



02/09/09

Technical Report for

TRC

Georgia Pacific Corporation, Newark, NJ

109649.000000.000003

Accutest Job Number: JA10658

Sampling Date: 01/27/09



Report to:

bbabcock@trcsolutions.com

ATTN: Distribution6

Total number of pages in report: 13



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
David N. Speis
VP Ops, Laboratory Director

Client Service contact: Marie Meidhof 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

Sections:

1

2

3

Table of Contents

-1-

Section 1: Sample Summary	3
Section 2: Sample Results	4
2.1: JA10658-1: GP EFF	5
2.2: JA10658-2: GP DISCH EFF	9
Section 3: Misc. Forms	11
3.1: Chain of Custody	12

Accutest LabLink@17:18 09-Feb-2009



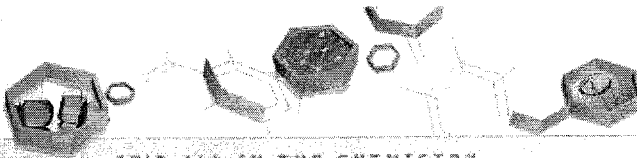
Sample Summary

TRC

Job No: JA10658

Georgia Pacific Corporation, Newark, NJ
Project No: 109649.000000.000003

Sample Number	Collected		Matrix Received	Code Type		Client Sample ID
	Date	Time By				
JA10658-1	01/27/09	08:45 FL	01/27/09	AQ	Effluent	GP EFF
JA10658-2	01/27/09	09:00 FL	01/27/09	AQ	Effluent	GP DISCH EFF



Section 2

2

IT'S ALL IN THE CHEMISTRY

Sample Results

Report of Analysis

Accutest LabLink@17:18 09-Feb-2009

Report of Analysis

Page 1 of 2

Client Sample ID:	GP EFF	Date Sampled:	01/27/09
Lab Sample ID:	JA10658-1	Date Received:	01/27/09
Matrix:	AQ - Effluent	Percent Solids:	n/a
Method:	EPA 624		
Project:	Georgia Pacific Corporation, Newark, NJ		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	T129387.D	1	01/30/09	YCB	n/a	n/a	VT5008
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.9	ug/l	
71-43-2	Benzene	ND	1.0	0.12	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.13	ug/l	
75-25-2	Bromoform	ND	1.0	0.19	ug/l	
74-83-9	Bromomethane	ND	1.0	0.18	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.3	ug/l	
75-15-0	Carbon disulfide	ND	1.0	0.48	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.099	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.20	ug/l	
67-66-3	Chloroform	ND	1.0	0.094	ug/l	
74-87-3	Chloromethane	ND	1.0	0.17	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.11	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.10	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.17	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.15	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.18	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.15	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.83	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.60	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.12	ug/l	
100-42-5	Styrene	ND	2.0	0.14	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.10	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.58	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.11	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.15	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Accutest LabLink@17:18 09-Feb-2009

Report of Analysis

Page 2 of 2

Client Sample ID:	GP EFF	Date Sampled:	01/27/09
Lab Sample ID:	JA10658-1	Date Received:	01/27/09
Matrix:	AQ - Effluent	Percent Solids:	n/a
Method:	EPA 624		
Project:	Georgia Pacific Corporation, Newark, NJ		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.16	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.15	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	103%		62-139%
2037-26-5	Toluene-D8 (SUR)	94%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	91%		74-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Internal Standard additional added	10.00	30	ug/l	J
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Accutest LabLink@17:18 09-Feb-2009

Report of Analysis

Page 1 of 1

2.1
2

Client Sample ID:	GP EFF	Date Sampled:	01/27/09
Lab Sample ID:	JA10658-1	Date Received:	01/27/09
Matrix:	AQ - Effluent	Percent Solids:	n/a
Method:	SW846-8015 (DAI)		
Project:	Georgia Pacific Corporation, Newark, NJ		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH65064.D	1	01/30/09	XPL	n/a	n/a	GGH2816
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
67-56-1	Methanol	ND	200	56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
111-27-3	Hexanol	67%		54-148%
111-27-3	Hexanol	58%		54-148%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Accutest LabLink@17:18 09-Feb-2009

Report of Analysis

Page 1 of 1

2.1
2

Client Sample ID:	GP EFF	Date Sampled:	01/27/09
Lab Sample ID:	JA10658-1	Date Received:	01/27/09
Matrix:	AQ - Effluent	Percent Solids:	n/a
Project:	Georgia Pacific Corporation, Newark, NJ		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Petroleum Hydrocarbons	< 5.2	5.2	mg/l	1	02/04/09	DD	EPA 1664A
pH ^a	7.49		su	1	01/27/09 11:25		SM20 4500H B

(a) Sample received out of holding time for pH analysis.

RL = Reporting Limit

Accutest LabLink@17:18 09-Feb-2009

Report of Analysis

Page 1 of 1

Client Sample ID:	GP DISCH EFF	Date Sampled:	01/27/09
Lab Sample ID:	JA10658-2	Date Received:	01/27/09
Matrix:	AQ - Effluent	Percent Solids:	n/a
Project:	Georgia Pacific Corporation, Newark, NJ		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 3.0	3.0	ug/l	1	01/28/09	01/29/09 JF	EPA 200.7 ¹	EPA 200.7 ³
Copper	< 10	10	ug/l	1	01/28/09	01/29/09 JF	EPA 200.7 ¹	EPA 200.7 ³
Lead	3.6	3.0	ug/l	1	01/28/09	01/29/09 JF	EPA 200.7 ¹	EPA 200.7 ³
Mercury	< 0.20	0.20	ug/l	1	02/05/09	02/05/09 JW	EPA 245.1 ²	EPA 245.1 ⁴
Nickel	26.1	20	ug/l	1	01/28/09	01/29/09 JF	EPA 200.7 ¹	EPA 200.7 ³
Zinc	< 20	20	ug/l	1	01/28/09	01/29/09 JF	EPA 200.7 ¹	EPA 200.7 ³

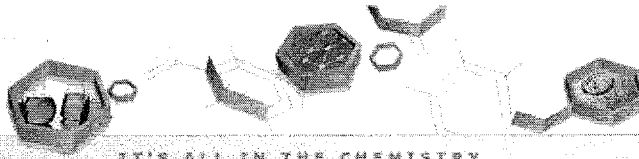
(1) Instrument QC Batch: MA22085

(2) Instrument QC Batch: MA22116

(3) Prep QC Batch: MP47037

(4) Prep QC Batch: MP47126

RL = Reporting Limit



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA10658

Client:

Immediate Client Services Action Required: No

Date / Time Received: 1/27/2009

Delivery Method:

Client Service Action Required at Login: No

Project:

No. Coolers:

1

Airbill #'s:

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐

3. COC Present: ☒ ☐2. Custody Seals Intact: ☒ ☐4. Smpl Dates/Time OK ☒ ☐**Cooler Temperature**

Y or N

1. Temp criteria achieved: ☒ ☐

2. Cooler temp verification: Infrared gun

3. Cooler media: Ice (bag)

Quality Control Preservation

Y or N

1. Trip Blank present / cooler: ☒ ☐2. Trip Blank listed on COC: ☒ ☐3. Samples preserved properly: ☒ ☐4. VOCs headspace free: ☐ ☐**Sample Integrity - Documentation**

Y or N

1. Sample labels present on bottles: ☒ ☐2. Container labeling complete: ☒ ☐3. Sample container label / COC agree: ☒ ☐**Sample Integrity - Condition**

Y or N

1. Sample recvd within HT: ☒ ☐2. All containers accounted for: ☒ ☐

3. Condition of sample: Intact

Sample Integrity - Instructions

Y or N

1. Analysis requested is clear: ☒ ☐2. Bottles received for unspecified tests: ☐ ☒3. Sufficient volume recvd for analysis: ☒ ☐4. Compositing instructions clear: ☐ ☐5. Filtering instructions clear: ☐ ☐

Comments

Accutest Laboratories
V: 732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www.accutest.com

JA10658: Chain of Custody

Page 2 of 2



133 Peachtree Street NE (30303)
P.O. Box 105605
Atlanta, Georgia 30348-5605
Telephone (404) 652-4000

February 16, 2009

Mr. Andy Caltagirone
Manager of Industrial & Pollution Control
Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105

Re: Georgia-Pacific Corporation, 297 Ferry Street, Bldg. 290, Newark, New Jersey
Customer/Outlet ID: 20630007 - 1 (Pre-treated Groundwater)
Discharge Period 1/1/2009 to 1/31/2009
Contractual Indirect Discharge Agreement - March 1, 2008 to February 28, 2009

Dear Mr. Caltagirone,

Enclosed, please find the MR-1 and MR-2 discharge report pages for the pre-treated groundwater effluent discharge at the above-referenced facility for the discharge period from 1/1/2009 to 1/31/2009. The Total Targeted Volatile Organic (TTVO) concentration was 0.0 mg/l, based upon sampling results at the treatment system discharge, which is below the Contractual Indirect Discharge Agreement limit of 2.13 mg/l for TTVO.

We were below the PVSC Local Limits for all metals this month as summarized on the attached PVSC MR-1 and MR-3 reports. Note that all metals were sampled for this month as a part of the sample collected in support of the facility discharge permit renewal application. Therefore a MR3 report has been enclosed in addition to the normal MR1 and MR2 reports this month.

A copy of the Laboratory Data Report including a Chain of Custody is attached for your files.

Sincerely,

Georgia-Pacific, LLC

A handwritten signature in blue ink, appearing to read 'Paul A. Montney'.

Paul A. Montney, P.E.
Director, Remediation & Acquisition/Divestitures

Enclosures: Monthly Summary, Data Table, MR-1, MR-2, & MR-3 Forms, and Laboratory
Data Report

cc: Chase Fortenberry, Georgia-Pacific

Georgia - Pacific Newark Groundwater Aeration System
Monthly Summary for January, 2009

Pre-treated Groundwater (Effluent) Discharge (Outlet 1)

Effluent Sampling Date:	1/27/2009
Final Effluent Totalizer Reading:	269,663
Last Month's Totalizer Reading:	- 267,615
Monthly Effluent Discharge:	2,048 gallons
 Avg Discharge Flow (gpm):	 0.05

Effluent Discharge Water Quality

Total Targeted Volatile Organics (TTVO)

Methylene Chloride	0.000 mg/l
Acetone	0.000 mg/l
Methanol	0.000 mg/l
4-Methyl-2-pentanone (MIBK)	0.000 mg/l
TTVO =	0.000 mg/l
(Permit Limit for TTVO =	2.13 mg/l)

Biological Oxygen Demand (BOD)	< 2.0 mg/l
--------------------------------	------------

Metals:

Cadmium*	<0.003 mg/l
Copper*	<0.010 mg/l
Lead*	0.0036 mg/l
Mercury*	<0.00020 mg/l
Nickel	0.0261 mg/l
Zinc	<0.020 mg/l

* = Metal only sampled for in March and September

NA = Not Analyzed

Reporting Month

	beginning	end
month	01	01
day	1	31
year	2009	2009
month ending	1/31/2009	
date of cover letter	February 16, 2009	

**Georgia - Pacific Newark Groundwater Aeration System
ANALYTICAL DATA SUMMARY**

DATE SAMPLED:

1/27/2009

	EFFLUENT
Methylene Chloride	0.000
Acetone	0.000
4-Methyl-2-pentanone (MIBK)	0.000
Methanol	<u>0.000</u>
Total Targeted Volatile Organics (TTVO)	0.000
Biochemical Oxygen Demand (BOD)	< 2.0
Cadmium*	<0.003
Copper*	<0.010
Lead*	0.0036
Mercury*	<0.00020
Nickel	0.0261
Zinc	<0.020

* = Metal is only sampled for in March and September

NOTES:

All concentrations are in mg/l.

NA= Not Analyzed



CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.acctest.com

PAGE 1 OF 1

Client / Reporting Information				Project Information				Requested Analysis		Matrix Codes												
Company Name TRC				Project Name Georgia-Pacific Corporation																		
Address 1200 Wall Street West, 2nd Floor				Street																		
City Lyndhurst				City Newark																		
State NJ				State NJ																		
Zip 07071																						
Project Contact Bruce Babcock				Project # 109649.000000.000003																		
E-mail bbabcock@trcsolutions.com				Fax # (201) 933-5601																		
Phone # (201) 933-5541 x105				Client Purchase Order #																		
Sample's Name Fred Lautz																						
Accutest Sample #	Field ID / Point of Collection	SUBMIT #	MECH Viol #	Date	Time	Sampled By	Matrix	# of bottles	VO + 10 (624)	Methanol	TPH (HEM-SGT)	pH	Total Chloride	BOD	TSS	Cadmium (< 0.005 ppm)	Copper (< 0.052 ppm)	Lead (< 0.029 ppm)	Mercury (< 0.001 ppm)	Nickel (< 0.02 ppm)	Zinc (< 1.67 ppm)	LAB USE ONLY
-1	GP EFF			1/27/09	8:45	FL	WW	9	X	X	X	X	X	X	X	X	X	X	X	X	X	485, WC33, WC30, AMETG, HC3
-2	GP DISCH EFF			1/27/09	9:00	FL	WW	3														
<p>Should be analyzed immediately upon receipt. If not, hold at 4°C or below.</p> <p>Residual Chlorine: CO2 FE2</p> <p>Dissolved Oxygen: DO</p>																						
Turnaround Time (Business days)				Data Deliverable Information				Comments / Remarks														
<input checked="" type="checkbox"/> Std. 15 Business Days <input checked="" type="checkbox"/> 10 Day RUSH - S.T.D. <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> Other				Approved By: <u>na</u> Date: <u>1/27/09</u> <input checked="" type="checkbox"/> Commercial "A" <input type="checkbox"/> Commercial "B" <input type="checkbox"/> NJ Reduced <input type="checkbox"/> NJ Full <input type="checkbox"/> Other				<input type="checkbox"/> FULL CLP <input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <u>NJ</u>														
Emergency & Rush T/A data available VIA Lablink				Commercial "A" = Results Only																		
Sample Custody must be documented below each time samples change possession, including courier delivery.																						
Relinquished By:	Date/Time:	Received By:	1	Relinquished By:	Date/Time:	Received By:	2	Relinquished By:	Date/Time:	Received By:	3	Relinquished By:	Date/Time:	Received By:	4	Relinquished By:	Date/Time:	Received By:	5	Relinquished By:	Date/Time:	Received By:
[Signature]		1/27/09	[Signature]	[Signature]		1/27/09	[Signature]	[Signature]		1/27/09	[Signature]	[Signature]		1/27/09	[Signature]	[Signature]		1/27/09	[Signature]	[Signature]		1/27/09
Preserved when applicable: <u>NO</u> On Ice: <u>YES</u> Cooler Temp: <u>3.0°C</u>																						

JA10658: Chain of Custody

Page 1 of 2